

Massachusetts Grade 7 Immunization Survey Results by County 2016-2017

County	Number of Schools*	Number of Children	2 MMR	3 Hep B	2 Varicella	1 Tdap	Series	Medical Exemptions	Religious Exemptions	Total Exemptions	Un-immunized	Gap
Barnstable	23	1,967	98%	98%	97%	91%	90%	0.3%	2.0%	2.3%	1.0%	7.5%
Berkshire	29	1,326	97%	97%	94%	81%	81%	0.3%	1.7%	2.0%	0.8%	17.3%
Bristol	72	6,499	100%	100%	99%	97%	96%	0.1%	0.7%	0.8%	0.1%	2.9%
Dukes	5	152	97%	98%	97%	95%	93%	0.0%	5.9%	5.9%	2.0%	1.3%
Essex	107	9,656	99%	99%	98%	91%	90%	0.1%	0.6%	0.7%	0.2%	9.2%
Franklin	15	796	97%	96%	93%	87%	86%	0.4%	3.6%	4.0%	1.8%	10.4%
Hampden	69	5,240	100%	99%	98%	91%	90%	0.2%	0.6%	0.8%	0.1%	8.9%
Hampshire	20	1,260	98%	98%	98%	97%	95%	0.3%	2.7%	3.0%	1.1%	1.8%
Middlesex	190	17,474	99%	99%	98%	93%	92%	0.3%	0.5%	0.8%	0.2%	7.3%
Nantucket	3	132	96%	96%	95%	96%	92%	0.0%	3.0%	3.0%	0.8%	4.5%
Norfolk	95	8,763	99%	99%	98%	94%	93%	0.3%	0.4%	0.7%	0.2%	6.0%
Plymouth	57	6,787	99%	99%	98%	94%	93%	0.3%	0.7%	1.0%	0.2%	5.7%
Suffolk	105	5,889	95%	94%	92%	78%	75%	0.0%	0.2%	0.2%	0.1%	24.5%
Worcester	116	9,346	99%	99%	97%	86%	86%	0.3%	0.8%	1.1%	0.2%	13.4%
State Total	906	75,287	99%	99%	98%	91%	90%	0.2%	0.7%	0.9%	0.2%	9.2%

* Number of schools is for all schools in the county - data only represents those schools that responded to the survey

2 MMR 2 doses of MMR (measles, mumps and rubella) vaccine. Students with laboratory evidence of immunity to all three diseases are also included in this category

3 Hep B 3 doses of hepatitis B vaccine. Students with laboratory evidence of immunity are also included in this category

2 Varicella 2 doses of varicella vaccine. Students with a reliable history of chickenpox disease or laboratory evidence of immunity are also included in this category

Tdap 1 dose of Tdap

Unimmunized Students with an exemption with no documented vaccines

Series 2 MMR and 3 HepB and 2 Varicella and 1 Tdap

Gap Students that have neither all vaccines required for school nor an exemption

•All data are self-reported by the schools and discrepancies may exist. The Immunization Program continues to work with schools to resolve discrepancies and update immunization data, when possible.

•Data are primarily collected in the fall, but immunization data are often updated throughout the year and rates (during the same school year) may be higher than reported due to additional children receiving immunizations or bringing records to school. Also, the student body is dynamic and as students arrive and leave the school, the immunization rates are impacted.

•Children are allowed a medical or religious exemption to one or more vaccines. Children without the required number of doses of vaccine do not necessarily have an exemption on file.

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- Children without a record of vaccination, but with serologic proof of immunity to certain diseases (measles, mumps, rubella, hepatitis b and varicella), meet school entry requirements and may be counted as vaccinated.
- Data for 15 schools are omitted from this report due to discrepancies that were unable to be resolved by the Immunization Program.